

CLAIMS

1. An mechanism for inhibiting loosening of a nut due to vibration comprising:

- (a) an externally threaded member;
- 5 (b) a channel located intermediate of opposite ends of the threading of said threaded member;
- (c) a elastomeric ring retained by said channel; and
- (e) an internally threaded nut screwed onto
- 10 the externally threaded member and engaging said elastomeric ring.

2. The mechanism as set forth in claim 1, wherein said externally threaded member attaches to an agricultural nozzle.

- 15 3. A mechanism for inhibiting loosening of an internally threaded member from an externally threaded member due to vibration comprising:

- (a) an externally threaded member having a channel located intermediate of opposite ends of the
- 20 threading of said threaded member;
- (b) an elastomeric ring retained by said channel; and
- (c) an internally threaded member turned onto said externally threaded member and engaging said
- 25 elastomeric ring.

4. The mechanism as set forth in claim 3, wherein said externally threaded member attaches to an agricultural nozzle.

- 30 5. An mechanism for inhibiting loosening of a nut due to vibration comprising:

- (a) an externally threaded member;
- (b) a channel located intermediate of opposite ends of the threading of said thread member;

(c) an internally threaded nut screwed onto the externally threaded member; and

(d) an elastomeric ring retained within said internally threaded nut and matched to said channel when
5 screwed against it.

6. A method for attaching an anti-vibration mechanism to an agricultural nozzle comprising the steps of:

(a) machining a groove around one end of an
10 externally threaded member forming a channel;

(b) inserting a elastomeric ring around said channel;

(c) threading a nut onto the machined side of the externally threaded member and over the elastomeric
15 ring;

(d) whereby tightened rotation of the nut resists loosening caused by vibration of the mechanism.